



THE UNITED STATES NAVAL WAR COLLEGE

JOINT MILITARY OPERATIONS DEPARTMENT

COLLEGE OF NAVAL WARFARE 2005

OPERATIONAL ART EXAMINATION

4 APRIL 2005



USS *Franklin* (CV-13)

Afire and listing after she was hit by a Japanese air attack while operating off the coast of Japan, 19 March 1945. Photographed from USS *Santa Fe* (CL-60), which was alongside assisting with firefighting and rescue work.

Official U.S. Navy Photograph Photo #: 80-G-273880
Naval Historical Center
Washington Navy Yard, Washington, DC

This is an open-book examination requiring individual work. Your answer should be a typed essay, and must be based on the information provided in the reading package you were provided on 31 March 2005. **Your response should be about 8 to 10 typed pages (12-pitch font, double-spaced).** Your hard-copy response (one paper original and two paper copies) shall be returned to your senior seminar moderator not later than 1600 on Monday, 4 April 2005.

Address all three of the following assignments based on your knowledge and understanding of the key concepts of operational art. Do not provide definitions of operational art terms. Also note that the read-ahead refers to OPERATION *ICEBERG* as the Campaign for Okinawa; however, the discerning War College student knows from reading all of the assigned course material that OPERATION *ICEBERG* is actually a major joint/combined operation.

- 1. Identify the operational objective for the Allies in their planning for the invasion of Okinawa, OPERATION *ICEBERG*. Based on that objective, analyze the operational factors of space, time, and force and their interrelationships.**
- 2. Analyze the Allied integration and synchronization of operational command and control, operational intelligence, operational fires and operational logistics into the planning of the invasion of Okinawa, OPERATION *ICEBERG*. Use specific examples from the assigned reading to illustrate your analysis.**
- 3. Placing yourself in the role of a Japanese planner at Okinawa, analyze the Allied critical factors to determine the Allied operational center(s) of gravity. Then analyze Allied critical capabilities and critical requirements to determine whether or not the Allied forces have any critical vulnerabilities that can be exploited by the Japanese to weaken or indirectly attack the Allied operational center(s) of gravity.**